





Form	ACO1 - Well Completion
Operator	McCoy Petroleum Corporation
Well Name	JOHNSON "A" 1-12
Doc ID	1665813

#### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	250	60/40 Pozmix	220	3%CC, 2%Gel, 1/4#/Sx Flowseal

## ACO-1 Additional Sample Tops

### SAMPLE TOPS

McCoy Petroleum Corp.

Johnson 'A' #1-12

NW SE NW SE

1654'FSL & 1973'FEL

Sec 12-34s-1e

KB: 1247'

	Depth	Datum
Heebner	2233	- 986
Iatan	2539	-1292
Stalnaker Sand	2600	-1353
Stalnaker Base	2682	-1435
Lansing (Lignite)	2972	-1725
Upper Layton Sand	3008	-1761
Lower Layton Sand	3054	-1807
Stark Shale	3200	-1953
Marmaton	3350	-2103
Altamont	3398	-2151
Cherokee Shale	3478	-2231
Ardmore Shale	3540	-2293
Miss Chert	3648	-2401
RTD	3705	-2458



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

McCoy Petroleum, Corp.

12/34/1

9342 E Central  
Wichita, KS 67206

**Johnson A 1-12**

Job Ticket: 68924

**DST#: 1**

ATTN: Brent Reinhardt

Test Start: 2022.08.30 @ 05:43:00

### GENERAL INFORMATION:

Formation: **Layton Snd.**

Deviated: No Whipstock: 1248.00 ft (KB)

Time Tool Opened: 07:37:02

Time Test Ended: 15:00:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

**Interval: 3049.00 ft (KB) To 3079.00 ft (KB) (TVD)**

Total Depth: 3079.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1248.00 ft (KB)

1235.00 ft (CF)

KB to GR/CF: 13.00 ft

**Serial #: 8672 Inside**

Press@RunDepth: 614.92 psig @ 3051.00 ft (KB)

Start Date: 2022.08.30

End Date:

2022.08.30

Start Time: 05:43:01

End Time:

15:00:47

Capacity: psig

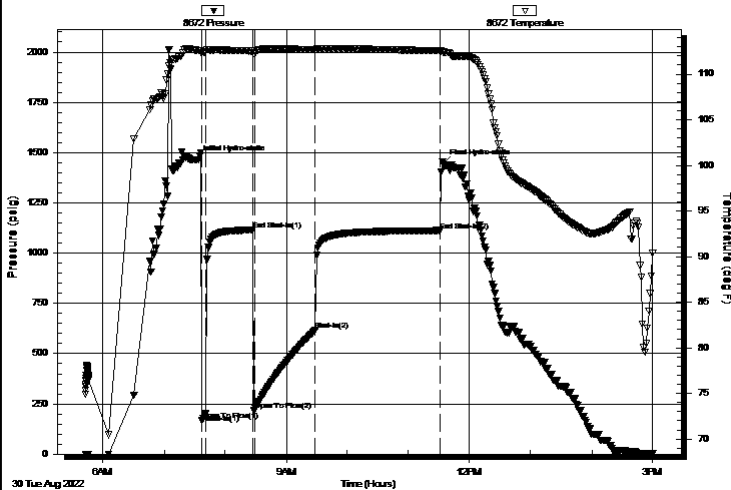
Last Calib.: 2022.08.30

Time On Btm: 2022.08.30 @ 07:31:47

Time Off Btm: 2022.08.30 @ 11:34:02

**TEST COMMENT:** IF: 3 min., BOB 2 min., strong building blow, 19 inches  
IS: 45 min., no blow back  
FF: 60 min., BOB 3 min., strong building blow, 237 inches  
FS: 120 min., immediate blow back, BOB 11 min., 43 inches

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1463.73	112.61	Initial Hydro-static
6	166.73	112.27	Open To Flow (1)
9	198.15	112.47	Shut-In(1)
56	1115.35	112.52	End Shut-In(1)
57	219.09	112.27	Open To Flow (2)
117	614.92	112.72	Shut-In(2)
240	1112.65	112.56	End Shut-In(2)
243	1444.77	112.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
819.00	gasy water 5%G,95%W	9.85
189.00	gas cut oily watery mud 45%G,5%O,10%M	2.650
252.00	gas cut oily mud 5%G,10%O,85%M	3.53

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

McCoy Petroleum, Corp.

12/34/1

9342 E Central  
Wichita, KS 67206

**Johnson A 1-12**

Job Ticket: 68924

**DST#: 1**

ATTN: Brent Reinhardt

Test Start: 2022.08.30 @ 05:43:00

### GENERAL INFORMATION:

Formation: **Layton Snd.**

Deviated: No Whipstock: 1248.00 ft (KB)

Time Tool Opened: 07:37:02

Time Test Ended: 15:00:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

**Interval: 3049.00 ft (KB) To 3079.00 ft (KB) (TVD)**

Total Depth: 3079.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1248.00 ft (KB)

1235.00 ft (CF)

KB to GR/CF: 13.00 ft

**Serial #: 6751 Outside**

Press@RunDepth: psig @ 3051.00 ft (KB)

Start Date: 2022.08.30

End Date:

2022.08.30

Start Time: 05:43:01

End Time:

15:00:47

Capacity: psig

Last Calib.:

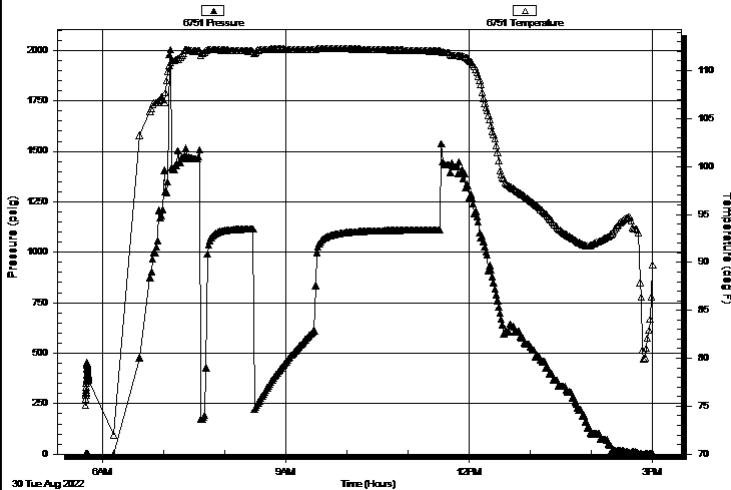
1899.12.30

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IF: 3 min., BOB 2 min., strong building blow, 19 inches  
IS: 45 min., no blow back  
FF: 60 min., BOB 3 min., strong building blow, 237 inches  
FS: 120 min., immediate blow back, BOB 11 min., 43 inches

Pressure vs. Time



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-------------	-----------------	--------------	------------

### Recovery

Length (ft)	Description	Volume (bbl)
819.00	gasy water 5%G,95%W	9.85
189.00	gas cut oily watery mud 45%G,5%O,10%M	2.650
252.00	gas cut oily mud 5%G,10%O,85%M	3.53

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

### FLUID SUMMARY

McCoy Petroleum, Corp.

12/34/1

9342 E Central  
Wichita, KS 67206

**Johnson A 1-12**

Job Ticket: 68924

**DST#: 1**

ATTN: Brent Reinhardt

Test Start: 2022.08.30 @ 05:43:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 38.40 sec/qt

Water Loss: 13.59 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 950.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 50000 ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
819.00	gasy w ater 5%G,95%W	9.849
189.00	gas cut oily w atery mud 45%G,5%O,10%W,4	2.651
252.00	gas cut oily mud 5%G,10%O,85%M	3.535

Total Length: 1260.00 ft      Total Volume: 16.035 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.121@85F=50000ppm

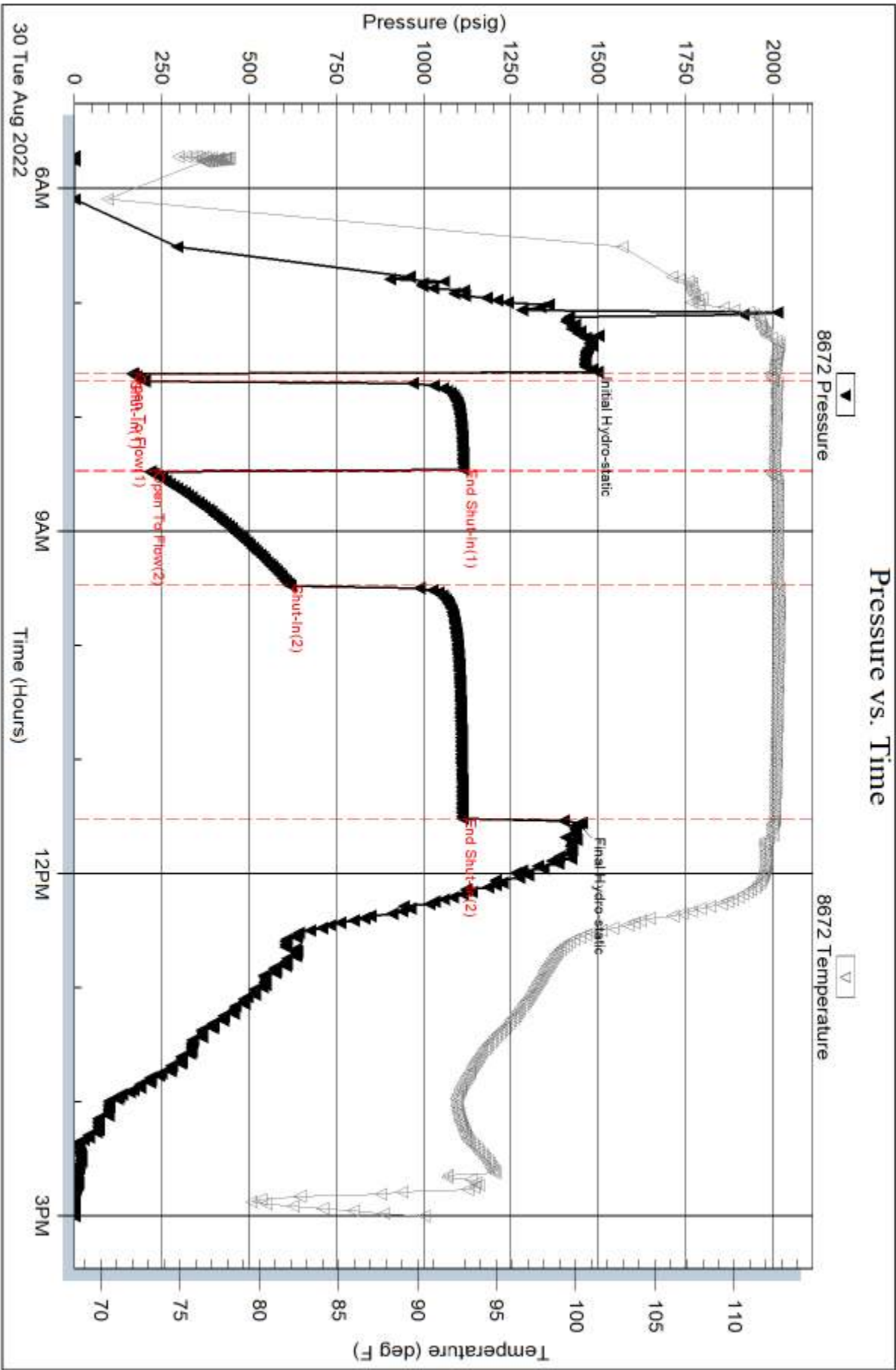
Serial #: 8672

Inside

McCoy Petroleum, Corp.

Johnson A 1-12

DST Test Number: 1

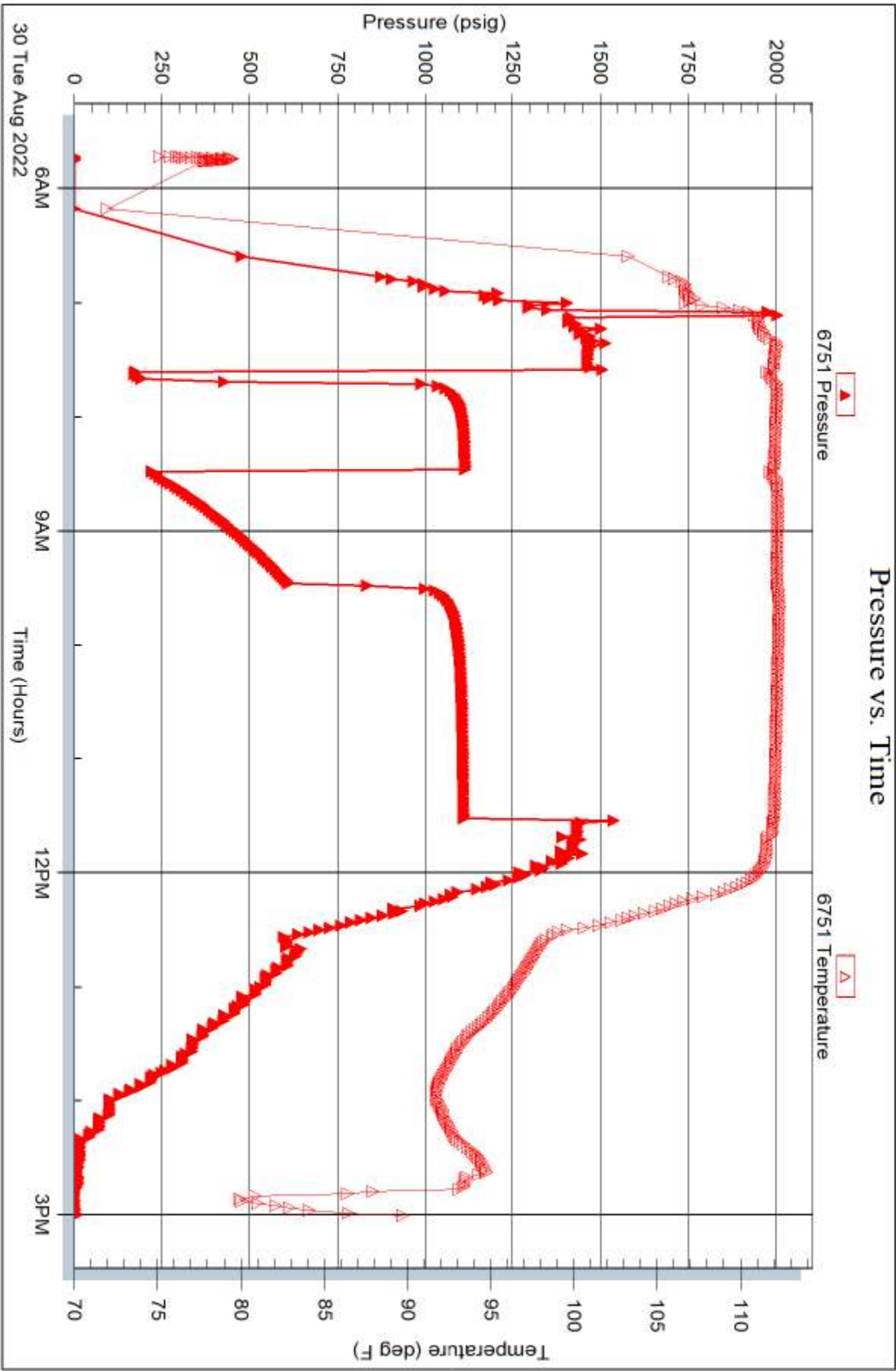


Serial #: 6751

Outside McCoy Petroleum, Corp.

Johnson A 1-12

DST Test Number: 1





Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Johnson 'A' 1-12  
API: 15-191-22853  
Location: Sec. 12 - T34S - R1E  
License Number:  
Spud Date: 08/26/2022  
Surface Coordinates: 1654' FSL & 1973' FEL

Region: Sumner County, KS  
Drilling Completed: 08/31/2022

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 1235' K.B. Elevation (ft): 1247'  
Logged Interval (ft): 2400' To: 3705' Total Depth (ft): 3705'  
Formation: Arbuckle  
Type of Drilling Fluid: Chemical/Polymer/Gel

Printed by MudLog from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

#### OPERATOR

Company: McCoy Petroleum Corporation, KCC License #5003  
Address: 9342 E. Central Ave.  
Wichita, KS 67206

#### GEOLOGIST

Name: Evan Stone  
Company: McCoy Petroleum Corporation  
Address: 9342 E. Central Ave.  
Wichita, KS 67206

#### CASING & DEVIATION

Spud at 3:30 pm on 8/26/2022. Drilled 12-1/4" to 273'. Ran 7 joints of new 20#, 8-5/8" casing. Set at 250' KB. Elite cemented with 220 sks 60/40 Poz. 2% Gel, 3% CC, 1/4# Flowseal. Plug down at 2:24 AM on 8/27/2022.

##### Deviation Surveys:

525' = 1°  
1024' = 3/4°  
1987' = 1°  
2482' = 1°  
3078' = 1-3/4°  
3672' = 3-3/4°

# Well Comparison Spreadsheet



McCoy Petroleum Johnson 'A' 1-12 Sec. 12 - T34S - R1E 1654' FSL & 1973' FEL API: 15-191-22853 KB = 1247					McCoy Petroleum Stalnaker 'A' 1-12 (2022) Sec. 12 - T34S - R1E 1980' FNL & 1320' FEL API: 15-191-22842 Oil - Simpson KB = 1245 Structural Comparison				Lario Oil & Gas Wells 1 (1960) Sec. 12 - T34S - R1E 840' FSL & 2160' FEL API: 15-191-00115 Dry KB = 1226 Structural Comparison			
Formation	Sample	Subsea	Log	Subsea	Log	Subsea	Sample	Log	Log	Subsea	Sample	Log
Heebner	2233	-986			2192	-947	-39		2208	-982	-4	
Iatan	2539	-1292			2488	-1243	-49		2498	-1272	-20	
Stalnaker Sand	2600	-1353			2563	-1318	-35		2560	-1334	-19	
Stalnaker Sand Base	2682	-1435			2630	-1385	-50		2647	-1421	-14	
LKC Lignite Marker	2972	-1725			2922	-1677	-48		2928	-1702	-23	
Upper Layton Sand	3008	-1761			2941	-1696	-65		2965	-1739	-22	
Lower Layton Sand	3054	-1807			3010	-1765	-42		3000	-1774	-33	
Stark Shale	3200	-1953			3126	-1881	-72		3156	-1930	-23	
Marmaton	3350	-2103			3276	-2031	-72		3310	-2084	-19	
Altamont	3398	-2151			3318	-2073	-78		3355	-2129	-22	
Cherokee Shale	3478	-2231			3400	-2155	-76		3436	-2210	-21	
Ardmore Shale	3540	-2293			3457	-2212	-81		3500	-2274	-19	
Mississippian	3648	-2401			3543	-2298	-103		3602	-2376	-25	
Woodford Shale	NDE				3742	-2497			3867	-2641		
Simpson Sand					3780	-2535			3899	-2673		
Arbuckle					3857	-2612			3978	-2752		
Total Depth	3705	-2458			4026	-2781			3996	-2770		



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

McCoy Petroleum, Corp.

12/34/1

9342 E Central  
Wichita, KS 67206

**Johnson A 1-12**

Job Ticket: 68924

**DST#: 1**

ATTN: Brent Reinhardt

Test Start: 2022.08.30 @ 05:43:00

### GENERAL INFORMATION:

Formation: **Layton Snd.**

Deviated: No Whipstock: 1248.00 ft (KB)

Time Tool Opened: 07:37:02

Time Test Ended: 15:00:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: **3049.00 ft (KB) To 3079.00 ft (KB) (TVD)**

Total Depth: 3079.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1248.00 ft (KB)

1235.00 ft (CF)

KB to GR/CF: 13.00 ft

**Serial #: 8672**

**Inside**

Press@RunDepth: 614.92 psig @ 3051.00 ft (KB)

Start Date: 2022.08.30

End Date: 2022.08.30

Capacity: psig

Last Calib.: 2022.08.30

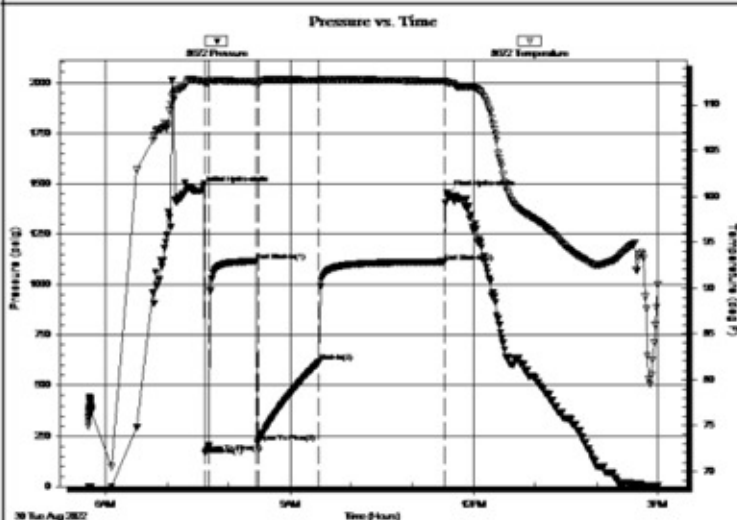
Start Time: 05:43:01

End Time: 15:00:47

Time On Btm: 2022.08.30 @ 07:31:47

Time Off Btm: 2022.08.30 @ 11:34:02

**TEST COMMENT:** IF: 3 min., BOB 2 min., strong building blow, 19 inches  
IS: 45 min., no blow back  
FF: 60 min., BOB 3 min., strong building blow, 237 inches  
FST: 120 min., immediate blow back, BOB 11 min., 43 inches



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1463.73	112.61	Initial Hydro-static
6	166.73	112.27	Open To Flow (1)
9	198.15	112.47	Shut-In(1)
56	1115.35	112.52	End Shut-In(1)
57	219.09	112.27	Open To Flow (2)
117	614.92	112.72	Shut-In(2)
240	1112.65	112.56	End Shut-In(2)
243	1444.77	112.43	Final Hydro-static

### Recovery










Length (ft)	Description	Volume (bbl)
819.00	gasy water 5%G,95%W	9.85
189.00	gas cut oily watery mud 45%G,5%O,10%2.650	
252.00	gas cut oily mud 5%G,10%O,85%M	3.53


### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
--	----------------	-----------------	------------------





# LEGEND



## LITHOLOGY

-  Chert
-  Dolomite
-  Cherty dol
-  Limestone
-  Cherty ls
-  Sandy ls
-  Salt
-  Shale
-  Shale green







-  Shale red
-  Carb shale
-  Siltstone
-  Sandstone

## MINERAL






-  Calcite
-  Chert
-  Glauconite
-  Pyrite

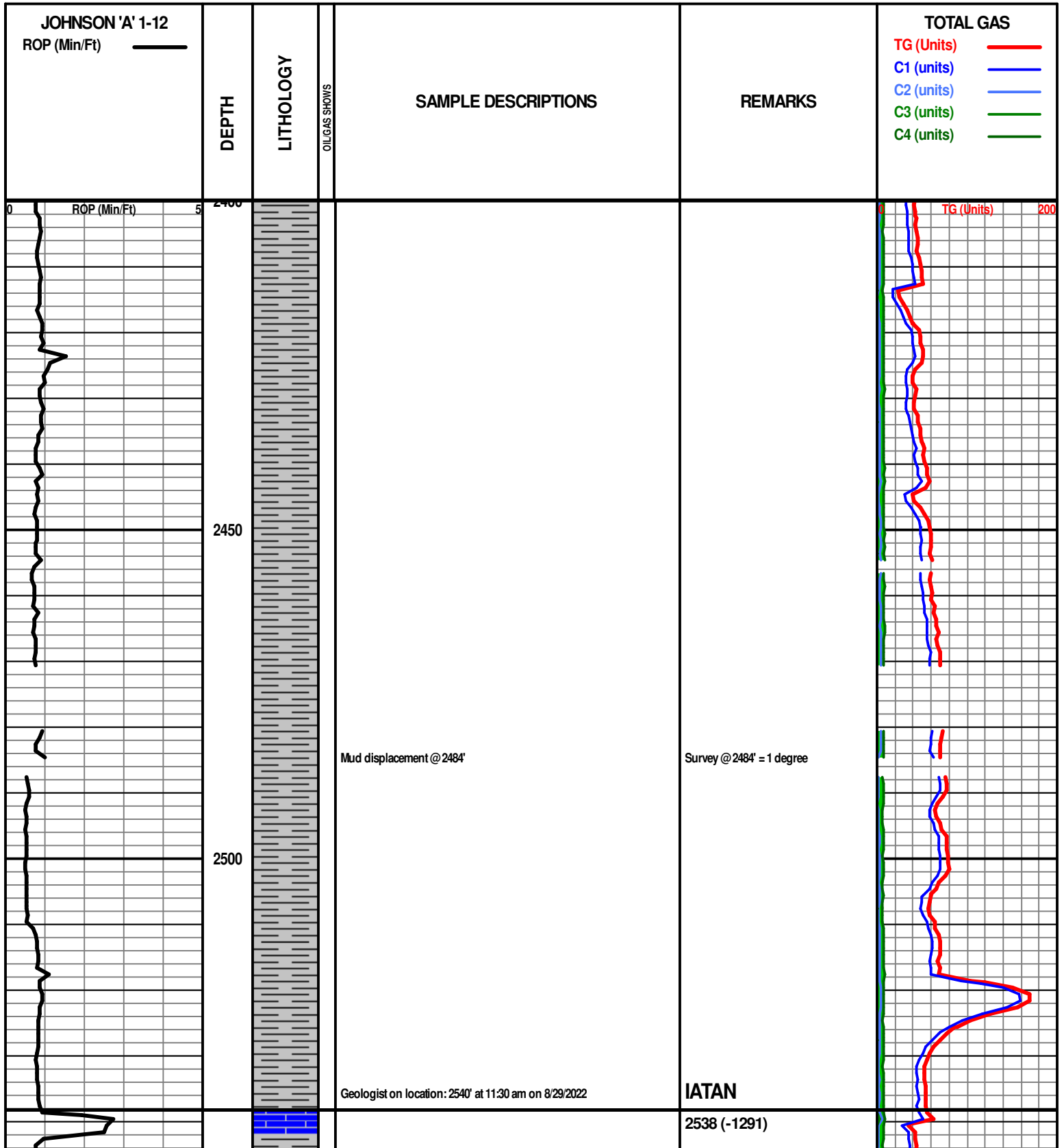
-  Sand
-  Silt

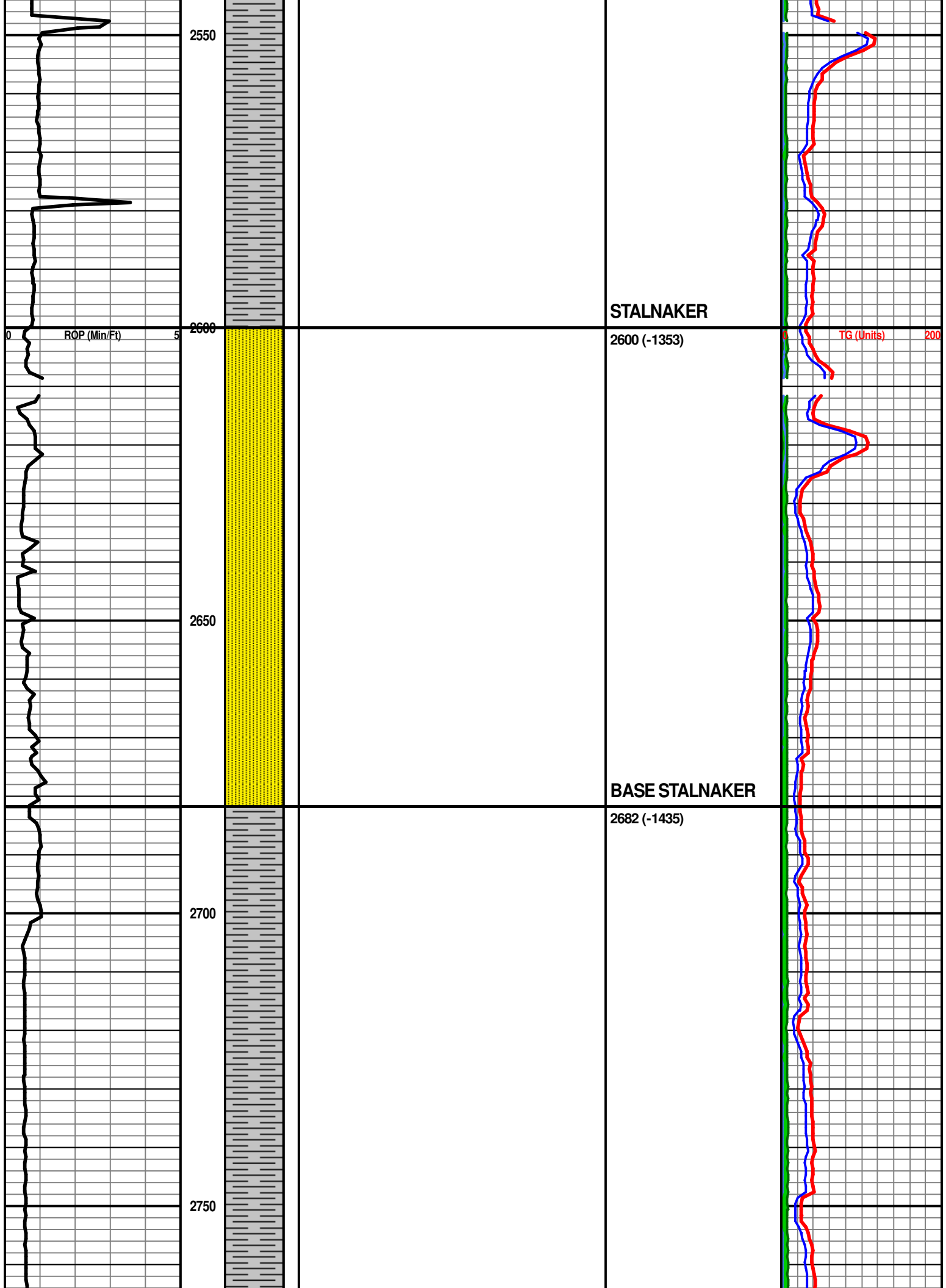
## STRINGER

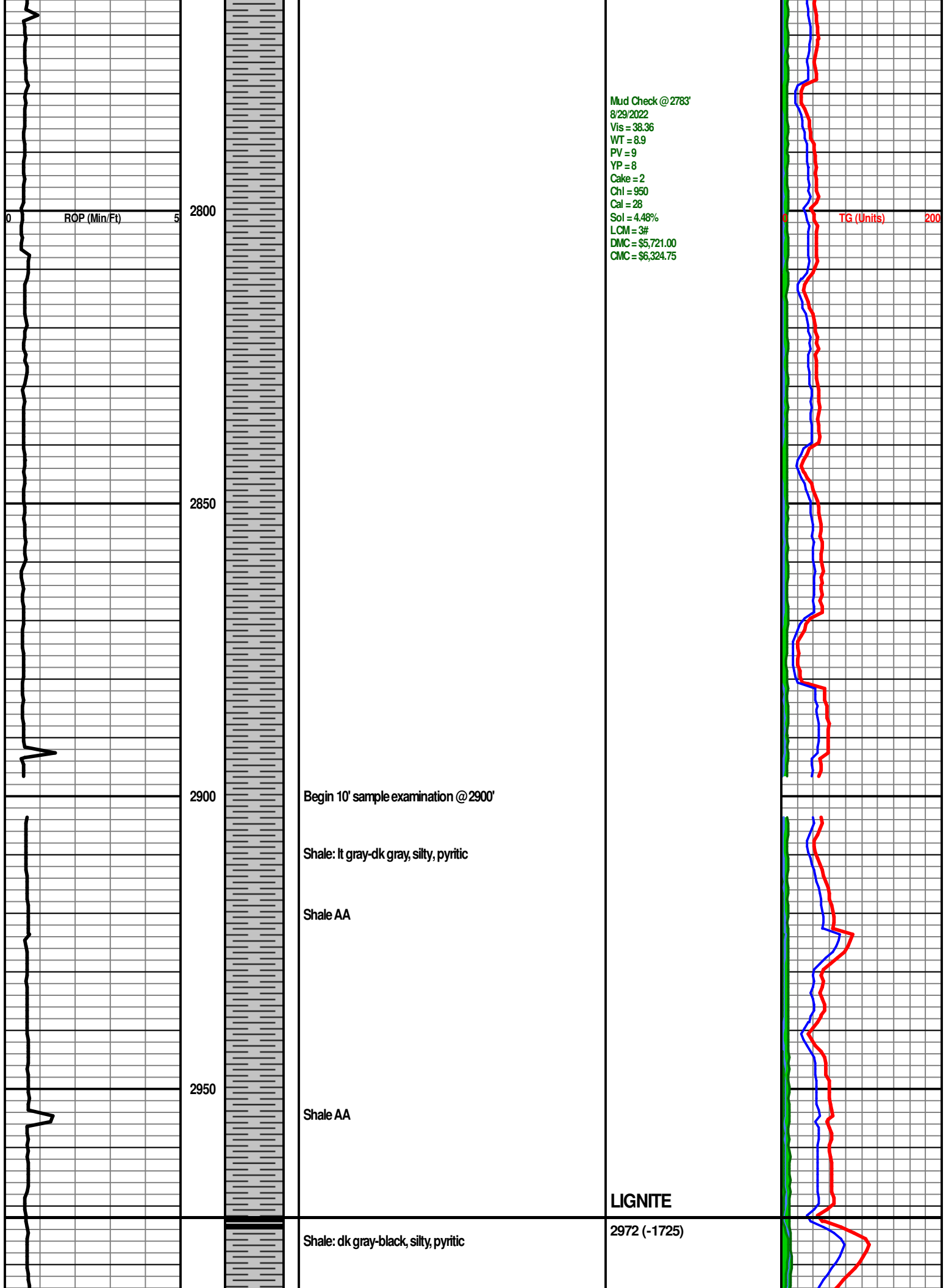
-  Dolomite
-  Gypsum
-  Limestone
-  Shale
-  Siltstone
-  Sandstone

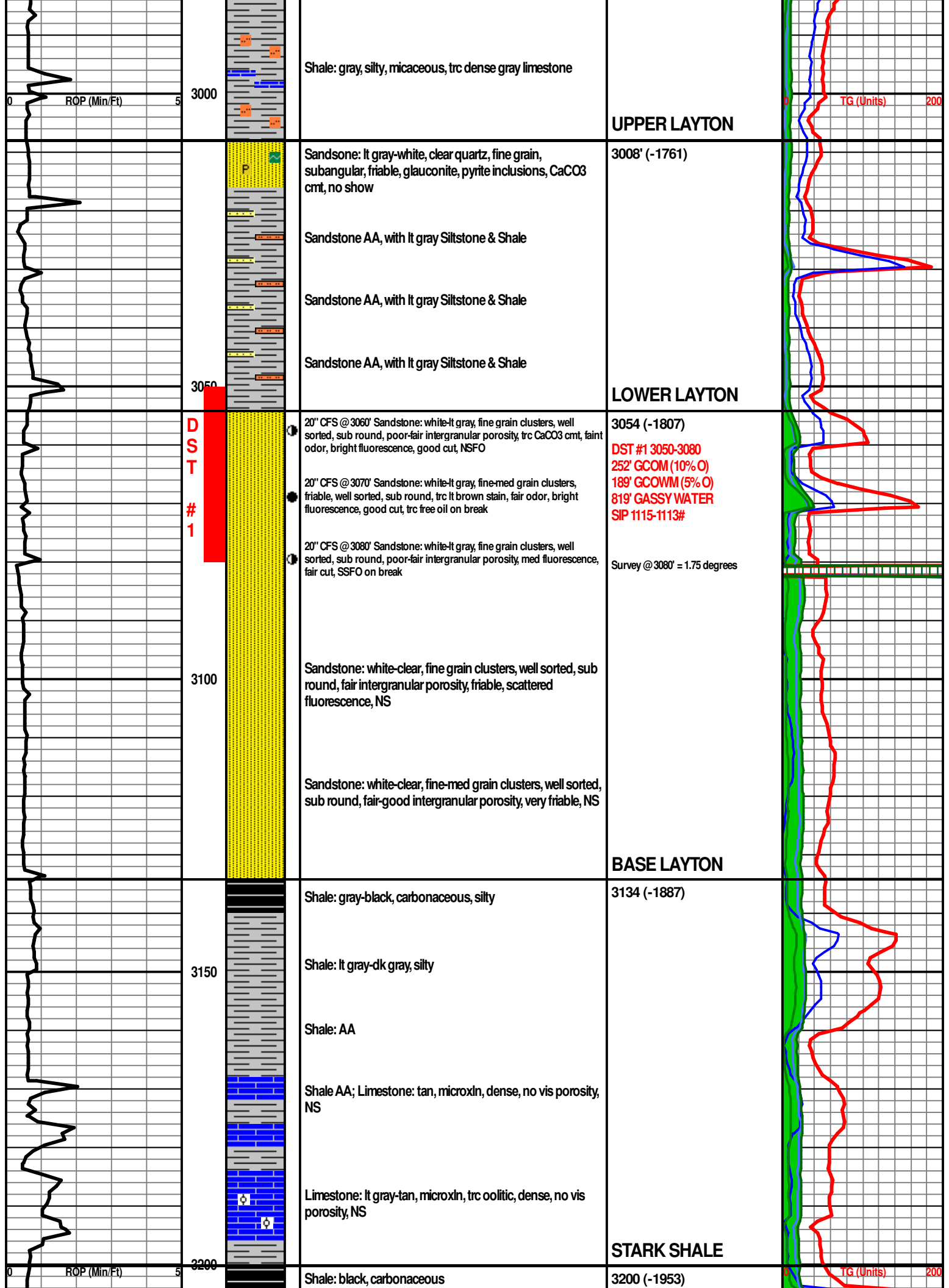
## OIL/GAS SHOW

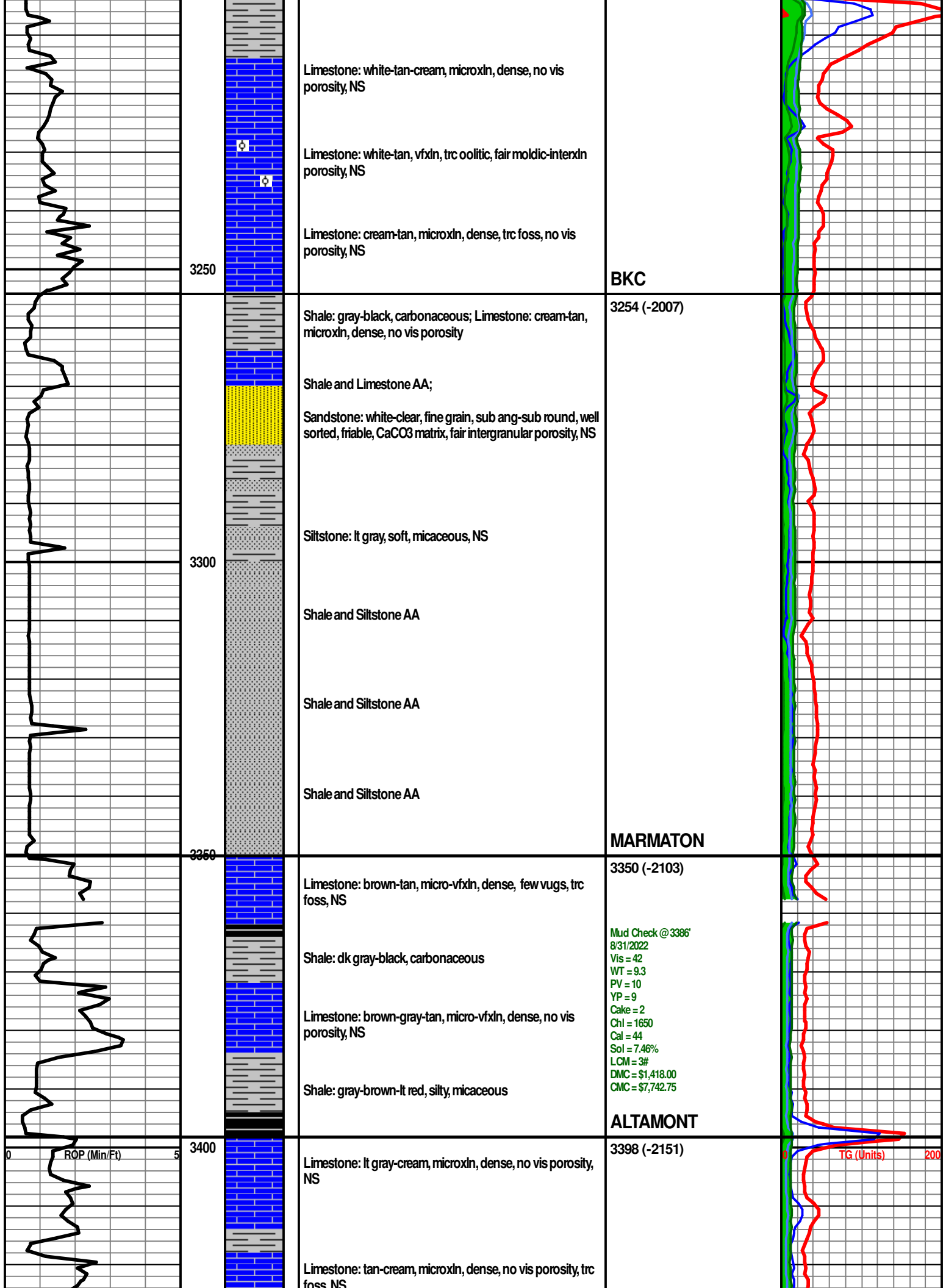
-  Gas show
-  Good
-  Fair
-  Poor
-  Dead

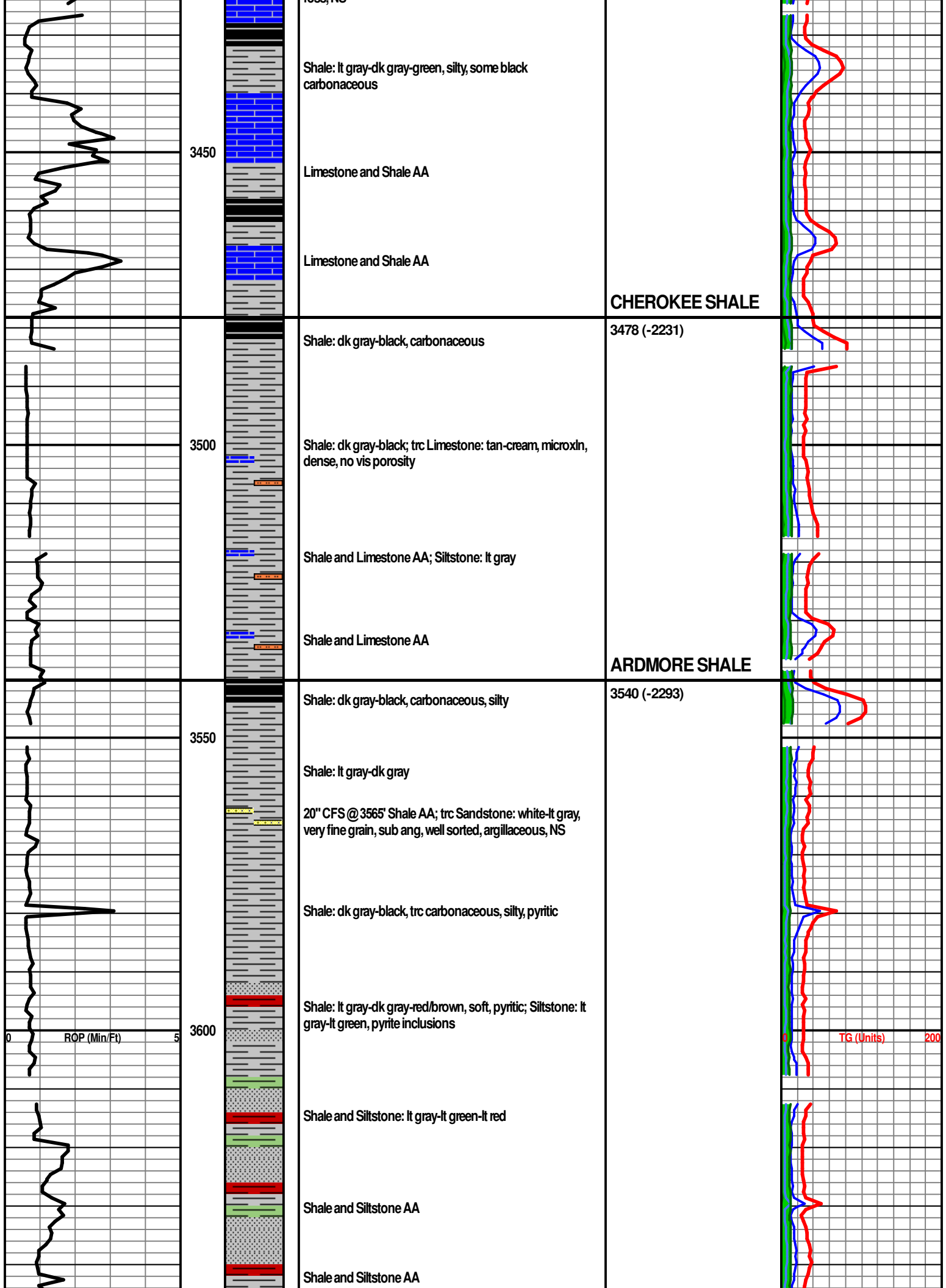



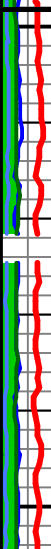










				MISSISSIPPIAN	
	3650		<p>Chert: white-cream, vfxln, pp porosity, trc lt brown stain, no fluorescence, no odor, NSFO</p> <p>20" CFS @ 3672' Chert: white-opaque, sharp, fresh, trc vugs, poor pp porosity, trc lt brown stain, dull fluorescence in a few pcs, no odor, NSFO</p> <p>Chert: white-opaque, sharp, fresh, poor pp porosity, no stain or fluorescence, NS</p> <p>Chert: white-cream-opaque, trc vugs, poor pp porosity, NS</p>	3648 (-2401)	
	3700		<p>RTD 3705' (-2458)</p> <p>Geologist off location 5:00 pm 8/31/2022</p>	Survey @ 3672' = 3.75 degrees	

RECEIVED SEP 06 2022

Elite Cementing & Acidizing of KS, LLC  
PO Box 92  
Eureka, KS 67045



Date	Invoice #
8/30/2022	6586

Bill To	
McCoy Petroleum Corporation 9342 E Central Wichita, KS 67206-2573	
Customer ID#	1435

Job Date	8/27/2022
Lease Information	
Johnson "A" #1-12	
County	Sumner
Foreman	DG

			Terms	Net 15
Item	Description	Qty	Rate	Amount
C101	Cement Pump-Surface	1		250.00
C107	Pump Truck Mileage (one way)	90		
C203	Pozmix Cement 60/40	220		
C205	Calcium Chloride	570		
C206	Gel Bentonite	380		
C209	Flo-Seal	55		
C108B	Ton Mileage-per mile (one way)	851.4		
D101	Discount on Services			
D102	Discount on Materials			

*We appreciate your business!*

Phone #	Fax #	E-mail
620-583-5561	620-583-5524	rene@elitecementing.com

Send payment to:  
Elite Cementing & Acidizing of KS, LLC  
PO Box 92  
Eureka, KS 67045

**Subt**

**Sales**

**Total**

**Payment**

**Bala**

810 E 7<sup>TH</sup>  
PO Box 92  
EUREKA, KS 67045  
(620) 583-5561



# Cement or Acid Field Report

Ticket No. **6586**

Foreman David Gardner

Camp Eureka

API "15-191-22853"

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
8-27-22	1435	Johnson "A" #1-12	12	34 S.	1 E.	Sumner	KS
Customer <u>McClay Petroleum Corporation</u> Mailing Address <u>9342 E. Central</u> City <u>Wichita</u> State <u>KS</u> Zip Code <u>67206-2573</u>			Safety Meeting DG 311	Unit #	Driver	Unit #	Driver
			105	Jason			
			110	David			

Job Type Surface Hole Depth 273' K.P. Slurry Vol. 45 Bbl Tubing \_\_\_\_\_  
Casing Depth 250.87' G.L. Hole Size 12 1/4" Slurry Wt. 14.8<sup>lb</sup> Drill Pipe \_\_\_\_\_  
Casing Size & Wt. 8 5/8" Cement Left in Casing 15' +/- Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
Displacement 15 3/4 Bbl Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 8 5/8" casing. Break circulation w/ 10 Bbl fresh water. Mixed 220 SKS 60/40 Pozmix Cement w/ 3% Cacle, 2% Gel, 1/4" Floreal / SK @ 14.8<sup>lb</sup>/gal, yield 1.15 = 45 Bbl slurry. Displace w/ 15 3/4 Bbl fresh water. Shut down. Close casing in. Good cement returns to surface = 10 Bbl slurry to pit. Job complete. Rig down.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	950.00	950.00
C107	90	Mileage	5.00	450.00
C203	220 SKS	60/40 Pozmix Cement	15.75	3465.00
C205	570 <sup>lb</sup>	Cacle 3%	.75	427.50
C206	380 <sup>lb</sup>	Gel 2%	.30	114.00
C209	55 <sup>lb</sup>	Floreal 1/4"/SK	2.80	154.00
C108B	9.46 Tons	Ton Mileage - 90 Miles	1.50	1277.10
Thank You			Sub Total	6,837.10
			Less 5%	357.48
			7.5% Sales Tax	312.04
Authorization <u>by Charles Coulter</u> Title <u>Lighthouse Drilling - Tool Pusher</u>			Total	6,792.16

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

APL 15-191-22853 <sup>McCoy</sup> Petroleum

Camp EUREKA

Job Type <u>P.T.A. New Well</u>	Hole Depth <u>3705'</u>	Slurry Vol. _____	Tubing _____
Casing Depth _____	Hole Size <u>7 7/8</u>	Slurry Wt. _____	Drill Pipe <u>4 1/2"</u>
Casing Size & Wt. _____	Cement Left in Casing _____	Water Gal/SK _____	Other _____
Displacement _____	Displacement PSI _____	Bump Plug to _____	BPM _____

35 SKS @ 312'  
25 SKS @ 60' to SURFACE  
30 SKS R.H.  
30 SKS M.H.

[illegible]

Authorization By Charlie Title \_\_\_\_\_

I agree to the payment terms and conditions of services provided on the back of this job  
payment terms must be in writing on the front of this job ticket or in the Customer's re